Temperature | Humidity | Wet Bulb | Dew point measuring

Features:

- CE-Mark approval
- Portability and simplicity one-hand operat
- MAccurate NTC sensor
- Measures temperature in °C/°F
- Quick response R.H. sensor
- ■MAX & HOLD function
- Display Back-light
- ■Dew point and Wet bulb Function
- Make Average and APO function
- Dual display Temperature & Humidity
- External probe (CHY321)

Applications:

- **⊞** Greenhouses
- HAVC installation and Maintenanc
- Office environment
- Labs
- Environmental studies
- Weather monitoring
- **■**Food distribution
- ■Art galleries/Museums
- **■**Department stores
- Hospitals and clinics
- Printing industry
- Store rooms

Specifications:

Zero: Automatic.

Low battery indication: The " is displayed when the battery voltage drops below the operating level.

Measurement rate: 2.5 times/second.

Operating environment: 0°C to 50°C, <70% R.H..

Storage environment: -20°C to 60°C, 0 to 80% R.H. with battery removed from meter.

Accuracy: Stated accuracy at 23°C±5°C, <75% R.H..

Accuracy specification does not include type K thermocouple probe accuracy.

Dimensions: 178mm(H) x 65.5mm(W) x 35mm(D).

Weight: Approx. 320g. (including probe and battery-CHY321)

Weight: Approx. 165g. (including battery—CHY322)

Relative Humidity:

Sensor: Capacitive humidity sensor

Range: 0% to 100% R.H.

Accuracy: ±2.5%@25°C(77°F), 10% to 90%R.H. ±5%@25°C(77°F), 0% to 10% R.H., 90% to

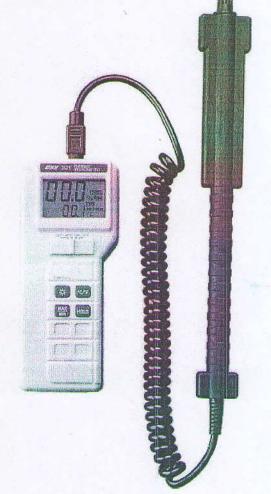
100% R H

Sensor Response Time for 90% of Total Range: 60sec

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Sensor Hysteresis (excursion of 10% to 90% to 10%

R.H.): ±1%R.H. typical



Model: 321

External Probe

Temperature:

Sensor: Thermistor temperature sensor (NTC)

Range: -20°C to 60°C, -4°F to 140°F

Resolution: 0.1°C / 0.1°F

Accuracy: ±0.5°C

0°C to 45°C

±1°C

-20°C to 0°C, 45°C to 60°C

±1°F

32°F to 113°F

±2°F

-4°F to 32°F, 113°F to 140°F